

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
8 February 2001 (08.02.2001)

PCT

(10) International Publication Number  
**WO 01/08687 A1**

(51) International Patent Classification<sup>7</sup>: A61K 31/495,  
A61P 15/10, A61K 9/48

(74) Agent: NAPOLI, James, J.; Marshall, O'Toole, Gerstein,  
Murray & Borun, 6300 Sears Tower, 233 South Wacker  
Drive, Chicago, IL 60606 (US).

(21) International Application Number: PCT/US00/11136

(22) International Filing Date: 26 April 2000 (26.04.2000)

(25) Filing Language: English

(26) Publication Language: English

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE,  
DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,  
ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,  
LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ,  
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,  
TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(30) Priority Data:  
60/146,924 3 August 1999 (03.08.1999) US

(84) Designated States (*regional*): ARIPO patent (GH, GM,  
KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent  
(AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent  
(AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU,  
MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM,  
GA, GN, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): LILLY  
ICOS LLC [US/US]; 1209 Orange Street, Wilmington, DE  
19801 (US).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): ANDERSON, Neil,  
R. [US/US]; 906 Northwestern Avenue, West Lafayette,  
IN 47906 (US). GULLAPALLI, Rampurna, P. [US/US];  
1921 New Garden Road, Apt. N-108, Greensboro, NC  
27410 (US).

Published:

— With international search report.

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: BETA-CARBOLINE PHARMACEUTICAL COMPOSITIONS

(57) Abstract: A soft capsule containing a solution or suspension of a PDE5 inhibitor, and use of the capsule in treating sexual dysfunction.

WO 01/08687 A1